

HAZARD-GARD* I

GARMENTS

CHEMICAL SPLASH PROTECTION



Made from a nonwoven fabric with an exterior that is laminated with a 1.3 mil polyethylene film and an interior that has a comfortable, cloth-like feel against the skin. Designed with no seams in the front of the garment (the primary splash area). Available with serged or bound seams.

Typical Uses

- Hazardous waste remediation
- Environmental clean-up
- Petrochemical/Oil refining
- Acid/caustic handling
- Biohazard clean-up

When selecting chemical protective clothing, it's important to be sure that the garment offers adequate resistance to the chemicals being handled in your workplace.

PROPERTIES OF HAZARD-GARD* I Apparel Fabric		
PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Tensile Strength (MD)	ASTM D5034	40.1 lbs
(CD)		31.1 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	14.8 lbs
(CD)		9.4 lbs
Mullen Burst	ISO 13938-1	46.8 psi
Flammability	CPSC 1610	Class 1
Hydrohead	AATCC 127-1998	378 cm
Blood Penetration	ASTM F1670	Pass
Blood-Borne Pathogens	ASTM F1671†	Pass

LIQUID CHEMICAL RESISTANCE TEST/HAZARD-GARD* I Apparel Fabric			
ASTM F1001 Liquid Chemicals	PENETRATION ASTM F903	PERMEATION ASTM F739 Normalized Breakthrough (min.)	Rate $\mu\text{g}/\text{cm}^2/\text{min}$
Acetone	Pass	Immediate	High
Acetonitrile	Pass Δ	Immediate	2.5
Carbon Disulfide	Pass Δ	Immediate	High
Dichloromethane	Pass Δ	Immediate	High
Diethylamine	Pass Δ	Immediate	High
n,n-Dimethylformamide	Pass Δ	Immediate	1.9
Ethyl Acetate	Pass	Immediate	5.8
n-Hexane	Pass	Immediate	High
Methanol	Pass Δ	Immediate	1.0
Nitrobenzene	Pass Δ	Immediate	10.6
Sodium Hydroxide (50%)	Pass	>480	0.08
Sulfuric Acid (98%)	Pass	>480	0.04
Tetrachloroethylene	Pass Δ	Immediate	High
Tetrahydrofuran	Pass	Immediate	32.8
Toluene	Pass Δ	Immediate	High

Additional testing information and detail is available upon request.

Δ **WARNING:** Fabric passes penetration testing; however, the chemical is a known or suspected carcinogen or skin absorbed toxin.

† Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System.

For important information, please refer to back cover.



COVERALLS, SERGED SEAMS — Gray

Zipper front, storm flap

STYLE	SIZE	CASE COUNT
45552	M	12
45553	L	12
45554	X L	12
45555	XX L	12
45556	XXX L	10
45557	XXXX L	10

Zipper front, storm flap, elastic wrists, ankles, hood

STYLE	SIZE	CASE COUNT
45572	M	12
45573	L	12
45574	X L	12
45575	XX L	12
45576	XXX L	10
45577	XXXX L	10

Zipper front, storm flap, elastic wrists, hood & boots

STYLE	SIZE	CASE COUNT
45592	M	12
45593	L	12
45594	X L	12
45595	XX L	12
45596	XXX L	10
45597	XXXX L	10

COVERALLS, BOUND SEAMS — Gray

Zipper front, storm flap

STYLE	SIZE	CASE COUNT
45562	M	12
45563	L	12
45564	X L	12
45565	XX L	12
45566	XXX L	10
45567	XXXX L	10

Level B/C Suit, zipper front, storm flap, elastic wrists, ankles, hood

STYLE	SIZE	CASE COUNT
45582	M	12
45583	L	12
45584	X L	12
45585	XX L	12
45586	XXX L	10
45587	XXXX L	10

Level B/C Suit, zipper front, storm flap, elastic wrists, hood & boots

STYLE	SIZE	CASE COUNT
45602	M	12
45603	L	12
45604	X L	12
45605	XX L	12
45606	XXX L	10
45607	XXXX L	10

CONSTRUCTED WITH REFLEX* COVERALL DESIGN